

# IES ROAD REPORT



Light measurement results

Print date 12/18/2025

**PHOTOMETRIC FILENAME : DE-LED-TR-X124-SP-9-C**

## **DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TEST] Viso LabSpion - serial: n/a sensor serial: n/a  
[TESTLAB] Viso - serial: n/a sensor serial: n/a - Test lab  
[MANUFAC] B-K Lighting INC  
[ISSUE DATE] 12/18/2025  
[LUMINAIRE] DE-LED-TR-X124-SP-9-C  
[LUMCAT] N/A  
[\_SERIALNUMBER] n/a - n/a

## **Measurement Conditions**

|                          |     |
|--------------------------|-----|
| Tested c-planes, qty     | 3   |
| Tested gamma angles, qty | 181 |

## **Tested Light Source**

|              |                       |
|--------------|-----------------------|
| Luminaire    | DE-LED-TR-X124-SP-9-C |
| Item No.     |                       |
| Manufacturer | B-K Lighting INC      |

## **Main Light Measurement Results**

|                                                 |            |
|-------------------------------------------------|------------|
| Luminaire lumens                                | 1137 lm    |
| Downward Total Efficiency                       | 100%       |
| Total Luminaire Efficiency                      | 100%       |
| Luminaire Efficacy Rating (LER)                 | 52.41 lm/W |
| Total Luminaire Watts                           | 21.7 W     |
| Upward Waste Light Ratio                        | 0%         |
| Maximum Candela                                 | 8496 cd    |
| Maximum Candela Angle                           | 180H 0V    |
| Maximum Candela (<90 Degrees Vertical)          | 0 cd       |
| Maximum Candela Angle (<90 Degrees Vertical)    | 180H 90V   |
| Maximum Candela At 90 Degrees Vertical          | 0 cd       |
| Maximum Candela from 80 to <90 Degrees Vertical | 1.963 cd   |
| Correlated Color Temperature, CCT               | 3500 K     |
| Color Rendering Index, CRI                      | 80.0       |

## **Distribution**

|                                                   |             |
|---------------------------------------------------|-------------|
| IES Classification (type I,II,III,IV,V)           | Type V      |
| Longitudinal Classification (Short, Medium, Long) | Very Short  |
| Cutoff Classification (deprecated)                | Full Cutoff |
| BUG rating (IESNA TM-15-07)                       | B2 U0 G0    |

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## IESNA TM-15-07 LUMINIAIRE CLASSIFICATION SYSTEM FOR OUTDOOR LUMINAIRES

### Forward Light

|                    |        |    |        |
|--------------------|--------|----|--------|
| Low (0-30°)        | 509.2  | lm | 44.78% |
| Medium (30-60°)    | 55.55  | lm | 4.885% |
| High (60-80°)      | 3.036  | lm | 0.267% |
| Very High (80-90°) | 0.7351 | lm | 64.65% |

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|                    |        |    |        |
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| Very High (80-90°) | 0.7351 | lm | 64.65% |

### Uplight

|                 |   |    |    |
|-----------------|---|----|----|
| Low (90-100°)   | 0 | lm | 0% |
| High (100-180°) | 0 | lm | 0% |

Total

|            |             |           |             |
|------------|-------------|-----------|-------------|
| <b>Sum</b> | <b>1137</b> | <b>lm</b> | <b>100%</b> |
|------------|-------------|-----------|-------------|

### BUG RATING B2 U0 G0

